



IAP15 Rec'd PCT/PTO 23 FEB 2007

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

80

Application Number

10/532,907

Filing Date

April 27, 2005

First Named Inventor

Nathan T. Hayes

Art Unit

2628

Examiner Name

Kimbunh T. Nguyen

Attorney Docket Number

33072/101/101

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Attachment A, B & C

B Amendment 2 2/20/07

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Nawrocki, Rooney & Sivertson, P.A.

Signature

Printed name

Richard C. Stempkovski, Jr.

Date

2/20/07

Reg. No.

45,130

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Melissa A. Ziegler

Typed or printed name

Melissa A. Ziegler

Date

2/20/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OLPE 1AP17
FEB 23 2007
PATENT & TRADEMARK OFFICE

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Enacted pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 75.00

Complete if Known

Application Number 10/532,907
Filing Date April 27, 2005
First Named Inventor Nathan T. Hayes
Examiner Name Kimbunh T. Nguyen
Art Unit 2628
Attorney Docket No. 33072/101/101

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 14-0620 Deposit Account Name: Nawrocki, Rooney & Sivertson

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | 0 |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | 0 |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | 0 |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | 0 |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | 0 |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims 48 Extra Claims 3 Fee (\$)

51 - 20 or HP = 3 x 25.00 = 75.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims 6 Extra Claims Fee (\$)

2 - 3 or HP = 0 x 0 = 0

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims
Fee (\$)

Fee Paid (\$)

0 0



P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nathan T. Hayes

Serial No. : 10/532,907 Examiner: Nguyen, Kimbunh T.
Filed : April 27, 2005 Group Art Unit: 2628
For : SYSTEM AND METHOD OF VISIBLE SURFACE
DETERMINATION IN COMPUTER GRAPHICS USING
INTERVAL ANALYSIS
Docket No. : 33072/101/101

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an enveloped addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 20th day of February, 2007

By: Melissa A. Ziegler
Melissa A. Ziegler

Sir:

In response to the OFFICIAL ACTION mailed November 20, 2006, please amend the above-captioned patent application consistent with 37 CFR §1.121, namely, the drawings, specification and claims, as follows: